

## **ABSTRACT**

The present invention generally relates to a fluidizer including at least one wall forming a conduit for a gas. The at least one wall may include a material having microscopic holes therein with a sufficient porosity to permit the escape of the gas through the microscopic holes to gas a substance. The present invention may also relate to a fluidizer including a non-cylindrical shape for fluidizing a particulate substance. The fluidizer can include a body at least partially positioned within a flow of the particulate substance wherein at least some of the particulate substance flows around the body.